

Exhibit 35



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(54) **GUIDED NAVIGATION THROUGH
GEO-LOCATED PANORAMAS**

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patent is extended or adjusted under 35
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G06T 19/00 (2011.01)

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(52) **U.S. Cl.**

CPC **G06T 19/00** (2013.01); **G06T 15/20**
(2013.01)

USPC **345/427**

(58) **Field of Classification Search**

CPC G06T 15/20; G06T 19/00; G06F 3/04815

USPC **345/427**

See application file for complete search history.

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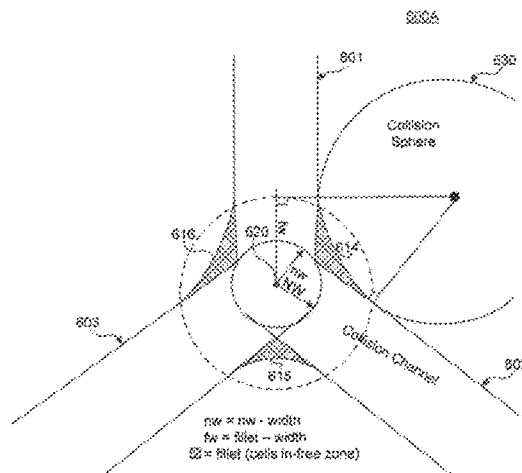
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(57) **ABSTRACT**

A capability for guided navigation in an interactive virtual
three-dimensional environment is provided. Such a capability
may enhance user experience by providing the feeling of
free-form navigation to a user. It may be necessary to con-
strain the user to certain areas of good visual quality, and
subtly guide the user towards viewpoints with better render-
ing results without disrupting the metaphor of freeform navi-
gation. Additionally, such a capability may enable users to
"drive" down a street, follow curving roads, and turn around
intersections within the interactive virtual three-dimensional
environment. Further, this capability may be applicable to
image-based rendering techniques in addition to any three-
dimensional graphics system that incorporates navigation
based on road networks and/or paths.

27 Claims, 9 Drawing Sheets



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